

ABSTRACT

Smith
C3
At

A device for implantation in a patient's body comprises a position sensor adapted for implantation at a point within a patient's body. The position sensor transmits or receives an electromagnetic wave for determination of position coordinates of the position sensor at the point. Alternatively, the position sensor is a wireless transponder for transmitting or receiving an ultrasound wave for determination of position coordinates of the position sensor at the point. The device further includes a connection mechanism for fixing the position sensor to the point within the patient's body. The device further includes a fiducial marker associated with the position sensor for identifying the position sensor on an image.